

AbstractA Vane Mounting

5 A vane mounting arrangement 21, 31 is provided in
which a vane 22, 32 is secured through a mounting end 23,
33 within an aperture 25, 35 formed in a mounting platform
24, 34. An expandable or expansive member 26, 36 is
located between the mounting end 33 and the aperture 35 in
10 order to create compressive engagement between the mounting
end 33 and the aperture 25, 35 of the platform 24, 34. The
member 26, 36 is hollow with a fluid within a cavity 27, 37
in order to create the desired pressurised location by
selective expansion. Thus, the assembly 21, 31 through the
15 expandable members 26, 36 achieves a seal along with
vibration decoupling and appropriate presentation of the
vane 22, 32 relative to the platform 24, 34.